

ÁGNES MÓCSY

List of Publications

February 28, 2006

SELECTED PUBLICATIONS

Quarkonia Correlators Above Deconfinement
Á. Mócsy, P. Petreczky, hep-ph/0512156.

Heavy Quarkonia Survival in Potential Model
Á. Mócsy, P. Petreczky
Europhys. J C43, 77-80 (2005).

Quark Mass and the QCD Transition
Á. Mócsy
J. Phys. G **31**, S1203-S1208 (2005).

Confinement versus Chiral Symmetry
Á. Mócsy, F. Sannino, K. Tuominen
Phys. Rev. Lett. **92**, 182302 (2004).

Critical Behavior of Non-Order Parameter Fields
Á. Mócsy, F. Sannino, K. Tuominen
Phys. Rev. Lett. **91**, 092004 (2003).

Chiral Phase Transition within Effective Models with Constituent Quarks
O. Scavenius, Á. Mócsy, I. N. Mishustin, D. H. Rischke
Phys. Rev. C **64** 045202 (2001).

PUBLICATIONS IN REFEREED JOURNALS AND PREPRINTS

11. *Quarkonia Correlators Above Deconfinement*
Á. Mócsy, P. Petreczky, hep-ph/0512156.
10. *Role of Fluctuations in the Linear Sigma Model with Quarks*
Á. Mócsy, I. N. Mishustin, P. J. Ellis
Phys. Rev. C **70**, 015204 (2004).
9. *Confinement versus Chiral Symmetry*
Á. Mócsy, F. Sannino, K. Tuominen
Phys. Rev. Lett. **92**, 182302 (2004).
8. *Induced Universal Properties and Deconfinement*
Á. Mócsy, F. Sannino, K. Tuominen
JHEP **0403**, 044 (2004).
7. *Critical Behavior of Non-Order Parameter Fields*
Á. Mócsy, F. Sannino, K. Tuominen
Phys. Rev. Lett. **91**, 092004 (2003).

6. *Dissipation at Two-loop Level: Undressing the Chiral Condensate*
 Á. Mócsy
 Phys. Rev. D **66**, 056010 (2002).
5. *Chiral Phase Transition within Effective Models with Constituent Quarks*,
 O. Scavenius, Á. Mócsy, I. N. Mishustin, D. H. Rischke
 Phys. Rev. C **64** 045202 (2001).
4. *Hydrogenlike Atoms From Ultrarelativistic Nuclear Collisions*,
 J. Kapusta, Á. Mócsy
 Phys. Rev. C **59** 2937 (1999).
3. *Microscopic Model for Rapid Hadronization of Supercooled Quark Gluon Plasma*,
 L. P. Csernai, Á. Mócsy, I. N. Mishustin
 Heavy Ion Phys. **3** 151 (1996).
2. *Rapid Hadronization and Strangeness Production*,
 L. P. Csernai, T. S. Biró, Z. H. Feng, Á. Mócsy, D. Molnár, I. N. Mishustin, O. Scavenius
 Heavy Ion Phys. **4** 45 (1996).
1. *Structures Obtained by Mechanical Fragmentation of Glass Plates*
 Z. Néda, Á. Mócsy, B. Bakó
 Materials Science and Engineering **A169** L1 (1993).

PUBLICATIONS IN CONFERENCE PROCEEDINGS

1. *Heavy Quark Correlators above Deconfinement*
 Á. Mócsy
 (Quark Matter 2005, Budapest, Hungary, August 4-9, 2005)
 hep-ph/0510135.
2. *Quark Mass and the QCD Transition*
 Á. Mócsy
 (Strange Quark Matter, Cape Town, South Africa, September 15-20, 2004)
 J. Phys. **G 31**, S1203-S1208 (2005).
3. *Heavy Quarkonia Survival in Potential Model*
 Á. Mócsy, P. Petreczky
 (Hard Probes, Ericeira, Portugal, November 4-10 , 2004)
 Europhys. J C43, 77-80 (2005).
4. *Confinement and Chiral Symmetry*
 Á. Mócsy
 (Continuous Advances in QCD, Minneapolis, Minnesota, May 13–16, 2004)
 published by Word Scientific (2005).
5. *Chiral Symmetry and Confinement*
 Á. Mócsy
 (HADRON 2004, Angra dos Reis, Rio de Janeiro, Brazil, March 28 -April 3, 2004)
 AIP Conf. Proc. **739**:446-448 (2005).
6. *Deconfinement and Chiral Symmetry Restoration*
 Á. Mócsy, F. Sannino and K. Tuominen
 (Quark Matter 2004, Oakland, California, January 11–17, 2004)
 J. Phys. **G 30**, S1255–S1258 (2004).
7. *Effective Lagrangians for QCD: Deconfinement and chiral symmetry restoration*
 Á. Mócsy, F. Sannino and K. Tuominen
 (Compact Stars: Quest for New States of Dense Matter, Seoul, Korea, November 10–14, 2003)
 arXiv:hep-ph/0401149.

8. *Confinement, chiral symmetry and hadrons*
 Á. Mócsy, F. Sannino and K. Tuominen
 (Light-Cone Workshop: Hadrons and Beyond, Durham, England, August 5–9, 2003)
 arXiv:hep-ph/0311078.
9. *Confinement as Felt by Hadrons*
 Á. Mócsy, F. Sannino and K. Tuominen
 (QCD@Work 2003, Conversano, Italy, June 14–18, 2003)
 eConf C030614:035 (2003).
10. *Connecting Polyakov Loops to Hadrons*
 Á. Mócsy, F. Sannino and K. Tuominen
 (QCD@Work 2003, Conversano, Italy, June 14–18, 2003)
 eConf C030614:034 (2003).
11. *Dissipation near the QCD phase transition*
 Á. Mócsy
 (PaNic02, Osaka, Japan, September 30–October 4, 2002)
 Nucl. Phys. A **721** 261c–264c (2003).
12. *Hadronization of Quark Gluon Plasma*
 L. P. Csernai, T. S. Biró, Z. H. Feng, I. N. Mishustin, Á. Mócsy, D. Molnár and O. Scavenius
 (HADRONS 96, Novy Svet, Ukraine, June 9–16, 1996)
 published by the Ukrainian Acad.Sci. (1996).
13. *Fast Hadronization of Quark Gluon Plasma*
 L. P. Csernai, Á. Mócsy, D. Molnár, Z. H. Feng and I. N. Mishustin
 (Structure of Vacuum and Elementary Matter, Wilderness / George, South Africa, March 10–16, 1996)
 published by World Scientific (1997).
14. *Fast Hadronization of Quark Gluon Plasma*
 L. P. Csernai, Á. Mócsy and I. N. Mishustin
 (Relativistic Aspects of Nuclear Physics, p. 137, Rio de Janeiro, Brazil, Aug. 28–30, 1995)
 published by World Scientific (1996).
15. *Microscopic Mechanisms of Rapid Hadronization*
 L. P. Csernai, Á. Mócsy, I. N. Mishustin
 (Strangeness 1995, Tucson, Arizona, Jan. 4–6, 1995)
 published by American Institute Physics (1995).